

ABSTRACT

A method of evening the tension in the conductors of a twisted pair electric cable during the cable's installation comprising the step of pulling the cable through stringing rollers while attached to a tension evening device. That allows constant adjustment of the tension in each of the cable's conductors, which prevents an unwanted looping effect and eliminates the need to even the tension at the end of the installation process.

The tension evening device comprises a pull rope attached to a swivel that holds a sheave. The device is sized small enough so that it fits through the stringing rollers such that, during the installation of the cable, the entire tension evening device is pulled through.

The sheave includes a groove around its outside diameter in which a sheave rope is placed. The ends of the sheave rope are attached to an end of each conductor. The tension in the conductors is maintained by the sheave and sheave rope which rotate in response to the tension or force applied by the conductors, providing greater slack to the higher tensioned conductor and exerting a greater pulling force on the lower tensioned conductor.